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Inside Wallops

NASA's ER-2 Operates from Wallops

NASA Dryden Flight Research Center maintains and operates two ER-2 high altitude satellite simulator aircraft. The ER-2 Program, previously known as the U-2 Program, has been supported by Wallops Flight Facility since the first east coast deployment which took place in 1971. Wallops is the east coast base of operations for the ER-2, it's crew and flight team.



NASA's ER-2 Aircraft

The ER-2 arrived August 12 for the current mission that ends on September 3.

Typically data flights originating at WFF will at times reach as far north as Canada and as far south as the Gulf Coast Region. Although flights are scheduled daily for a 10 a.m. departure, operations are weather dependent and subject to change.

The aircraft operate world-wide, collecting scientific data to help understand the natural and man-made influences on our environment.

The scientific disciplines that employ the ER-2 include earth resources, astronomy, atmospheric chemistry, climatology, oceanography, archeology, ecology, forestry, geography, geology, hydrology, meteorology, volcanology, and biology.

The ER-2 also is an important tool to develop sensors that will fly aboard future earth observing satellites and validate and calibrate the satellite sensors that currently orbit our planet.

NASA's Airborne Science Program is administered from NASA Dryden Flight Research Center. The program supports the sub-orbital flight requirements of the NASA Earth Science Enterprise.

WFF support includes project management and coordination, use of the airfield, and operational support.

NASA and Navy Sign Memorandum Of Agreement

NASA and the U.S. Navy signed a Memorandum of Agreement to exchange valuable vendor and supplier information aimed at improving safety, mission assurance, and performance of the systems procured by both.

This agreement is the first in a series under development to identify and use the "best of the best" safety and engineering practices of each organization.

NASA Administrator Sean O'Keefe recognized many similarities between human space flight programs and submarine operations. Administrator O'Keefe wrote a letter to Navy Secretary Gordon England in July 2002, and in August 2002, the NASA/Navy Benchmarking Exchange Team was formed.

"A commitment to safety is built on a foundation of best practices and strong leadership," said Administrator O'Keefe. This important exchange of ideas, processes, and procedures will play a significant role in a meaningful evolution of our technical and safety assessments as we return to flight," he said.

This agreement allows NASA to use the Navy's Product Data Reporting and Evaluation Program and its Red/Yellow/Green Program, both of which are web-accessible to both organizations. NASA will provide the Navy with access to systems used to assess the quality of vendors and suppliers.

NASA Wallops Flight Facility and the Navy Surface Combat Systems Center have a partnering agreement in place that was signed January 22, 1998.

Wallops Shorts On Travel

Wallops personnel departed on August 19 for Chili and Brazil on NASA's P-3 B Orion aircraft. They will be taking part in the Antarctic AMSR-E Sea Ice (AASI) Campaign through mid-September. For information on AASI and a daily flight schedule visit: <http://aasi-campaign.gsfc.nasa.gov/>

Rocket Launch

A NASA Terrier Improved-Orion sounding rocket was successfully launched from Wallops Island on August 20. The mission was to provide a proof of concept demonstration of multiple technologies for the mitigation of the vibration environment associated acoustics with rocket launch vehicles. Charlotte Gerhart of the Air Force Research Lab was the principal investigator. Bruce Scott, NSROC, was the mission manager. Dave Moltedo, NASA Range and Mission Management Office, was the project manager.

Successful Mission

"The 36.196 flight (Korendyke/NRL 06/14/02) was a comprehensive success. The mission obtained a superb set of images of the solar atmosphere in Lyman alpha. These images are available on the VAULT web site and were the subject of a press release by NASA Headquarters.

The NSROC team performed superbly. The solar pointing system worked extremely well. The cooperation between the White Sands Missile Range, NSROC at WSMR, NSROC at Wallops and NASA was superb.

The preparations for flight went smoothly despite the fact that there were a number of other payloads and launches going on. All personnel on the teams worked very hard to launch the payload."..... Clarence M. Korendyke



Women's Equality Day Luncheon

August 26

Williamsburg Room, Building E-2

The Originals: World War II Heroines with "The Right Stuff"
With guest speaker:
Sarah Byrn Rickman

On August 26, 1920, the 19th Amendment to the U.S. Constitution—"The right of citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of sex"—became law.

Known as the Susan B. Anthony amendment, it came nearly 150 years after the founding of this country and more than 70 years after what is widely considered the beginning of the feminist movement, the 1848 Seneca Falls convention "to discuss the social, civil and religious conditions and rights of women."

In 1971, President Jimmy Carter designated August 26 as Women's Equality Day after Congress passed a joint resolution. The effort to recognize the cause of women's suffrage with a national day of commemoration was spearheaded by Representative Bella Abzug, a democrat from New York.

The resolution says, in part,

"WHEREAS, the women of the United States have been treated as second-class citizens and have not been entitled the full rights and privileges . . . which are available to male citizens of the United States; and

WHEREAS, the women of the United States have united to assure that these rights and privileges . . . all citizens equally regardless of sex; and

WHEREAS, the women of the United States have designated August 26 . . . as symbol of the continued fight for equal rights:

NOW, THEREFORE, BE IT RESOLVED, the Senate and House of Representatives of the United States of America in Congress assembled, that August 26th of each year is designated as Women's Equality Day."



It's that time again!
School will be starting soon-
- watch for little people!

Public Seminar

The Virginia Institute of Marine Science, (VIMS), in collaboration with the Citizens for a Better Eastern Shore, will present the next in a series of public seminars on natural resource and ecological issues on Wednesday, September 3, at the VIMS facility in Wachapreague. Beginning at 7:30 p.m., the seminar is free. The topic is "Interpreting the past marine environment: evidence from cockle, clam and mussel shells".

Guest speakers are:



Drs. Chris Richardson and Colin Jago
School of Ocean Sciences
University of Wales – Bangor

For further information call Nancy Lewis on 757 787-5816 or email: nlewis@vims.edu

Travel Manager

New user or refresher training will be held on September 8 and 9. Three classes will be offered, one preparer class, one reviewer/approver class and one class for the traveler.

The **preparer** classes will be held, Monday, September 8, from 9 a.m. to noon in Building E-104, Room 308. The class will cover the basic skills and information needed to properly create travel authorizations, vouchers from authorizations, local vouchers, and amendments.

A class for the **traveler** will be held Tuesday, September 9, from 9 to 10 a.m. in Building F-6, Room 213. This one hour demonstration will instruct travelers on how to successfully login into Travel Manager, where to go to find the documents they need to address, and how to electronically sign their voucher. Basic instruction on how to make changes to a document and how to find the status of a document also will be covered.

A class for **reviewing officials** will be held on Tuesday, September 9, from 1:30 to 3:30 p.m. in Building E-104, Room 308. The course will provide the knowledge needed to successfully review documents in Travel Manager — how to properly open and close documents, make adjustments, and electronically sign a document.

To register for a class, go to the travel manager web site at: <http://travelmanager.gsfc.nasa.gov>

For further information contact the help desk at 66-4100 or by email rfohelpdesk@listserv.gsfc.nasa.gov

Reminder for Upcoming Training

Introductory Overhead Crane Operator Training

August 28 and 29

Conf. Room E-208, Bldg. N-159

8 a.m. to 4:30 p.m.

This course satisfies the requirements of the NASA Standard for Lifting Devices and Equipment, for the operation of electric, manual or air driven overhead cranes and hoists. Successful completion of this course, along with a crane operator physical examination will lead to licensing of the crane operators by NASA.

Personel who require an overhead crane operator license are invited to attend. There is no charge for the course for NASA civil service employees. Contractors and other tenant personnel will be required to pay \$300 per student. Address questions to Bill Hargrove on 1797; or by email:

William.T.Hargrove.1@gsfc.nasa.gov

Hazwoper Site Worker Refresher

September 3

Building E-2 Training Room

8 a.m. to 4:30 p.m.

The hazardous waste/emergency response worker protection standard applies to cleanup operations, hazardous waste management operations at treatment, storage and disposal facilities and emergency response operations. An 8-hour refresher of the initial 40-hour training must be completed annually.

To register, contact Marianne Simko on x2127 or by email:

Marianne.F.Simko.1@gsfc.nasa.gov

NASA Update

Join NASA Administrator Sean O'Keefe for an important edition of NASA Update, currently scheduled for 2 p.m. EDT, Aug. 26, from NASA Headquarters. The event will be broadcast live on NASA Television, Channel 6.

Administrator O'Keefe will be joined by NASA Ames Center Director Scott Hubbard, who was assigned to the Columbia Accident Investigation Board immediately following the tragic accident and played an integral role in the investigation.

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